

12-03-01

A

**NEW UTILITY PATENT APPLICATION  
TRANSMITTAL**

DOCKET NO.  
RAL920010011US2  
(IRA-10-5611)  
TOTAL PAGES IN THIS SUBMISSION  
3

11/28/01  
1187  
OLD SN  
1187  
11/28/01

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**  
**Box Patent Application**  
**Washington, D.C. 20231**

Transmitted herewith for filing under 35 USC 111(a) and 37 CFR 1.53(b) is a new utility patent application for an invention entitled:

**APPARATUS AND METHOD FOR OVERSAMPLING WITH EVENLY  
SPACED SAMPLES**

and invented by

HAYDEN CLAVIE CRANFORD, JR.  
VERNON ROBERTS NORMAN  
MARTIN LEO SCHMATZ

assigned to

INTERNATIONAL BUSINESS MACHINES CORPORATION  
Armonk, New York

**If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:**

☐ Continuation      ☐ Divisional      ☐ Continuation -in -part (CIP)  
in prior application No.: \_\_\_\_\_

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 26 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure
3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
  - a. ☐ Formal
  - b. ☐ Informal

Number of Sheets 4

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4. ☒ Oath or Declaration
- a. ☒ Newly executed (*original or copy*) ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- Application Elements (Continued)

5. ☐ Incorporation by Reference (*usable if Box 4b is checked*)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Computer Program in Microfiche (*Appendix*)

7. ☐ Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all must be included*)
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy (*identical to computer copy*)
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☒ Assignment Papers (*cover sheet & document(s)*)  
***International Business Machines Corporation***
9. ☐ 37 CFR 3.73(B) Statement (*when there is an assignee*)
10. ☐ English Translation Document (*if applicable*)
11. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard
14. ☒ Certificate of Mailing  
☐ First Class ☒ Express Mail (*Specify Label No.*): EL 28777372US
15. ☒ Application Data Sheet
16. ☐ Additional Enclosures (*please identify below*):

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**FEE CALCULATION AND TRANSMITTAL**

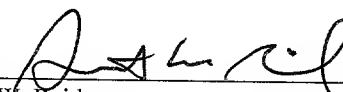
**CLAIMS AS FILED**

| 1) For                                 | 2) Number Filed | 3) Number Extra | Rate      | Additional Fee |
|--|-----------------|-----------------|-----------|----------------|
| TOTAL CLAIMS<br>(37 CFR 1.16(c))       | 17 - 20 =       | - 0 -           | x \$18.00 | \$ - 0 -       |
| INDEPENDENT<br>CLAIMS (37 CFR 1.16(c)) | 3 - 3 =         | - 0 -           | x \$84.00 | \$ - 0 -       |
| First Pres. Of Multiple Dep. Claims    | = 0             |                 |           | \$ 0.00        |
| Basic Fee                              | = 0             |                 |           | \$ 740.00      |
|  |                 |                 | TOTAL     | \$ 740.00      |

- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0464 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$740.00 as filing fee.
- ☒ Credit any overpayment or any deficiency.
- ☒ Charge any additional filing fees required under 37 CFR 1.16 and 1.17.

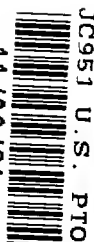
Respectfully submitted,

Date: 11-28-2001

By:   
Scott W. Reid  
IBM Corporation  
Dept. 9CCA/B002  
3039 Cornwallis Road  
Research Triangle Park, NC 27709  
(919) 254-1085  
Fax: (919) 254-2649

Enclosures

11/28/01



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## CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Cranford, Jr. et al

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Serial No.

To be Assigned

Filing Date

Filed Herewith

Examiner

Group Art Unit

Invention: **APPARATUS AND METHOD FOR OVERSAMPLING WITH EVENLY  
SPACED SAMPLES**

I hereby certify that the following documents

New Utility Patent Application Transmittal

Application Data Sheet

Patent Application comprising **21** pages of specification, **4** pages of claims,  
**1** page of Abstract and **4** sheets of drawings

Declaration and Power of Attorney for Patent Application

Assignment and Recordation Cover Sheet

IDS Submission Statement with 1449 Form and copies of all citations

Two (2) Acknowledgement post cards

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231 on

11-28-01

MIRIAM DAVIS

(Typed or Printed Name of Person Mailing Correspondence)

Miriam Davis

(Signature of Person Mailing Correspondence)

EL187773372US

("Express Mail" Mailing Label Number)